



41608

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

Höllig et al.

Serial No.: 09/853,026

Filed: Herewith

For: PROCESS FOR INCREASING THE
EFFICIENCY OF A COMPUTER IN
INFINITE ELEMENT SIMULATIONS
AND A COMPUTER FOR PERFORMING
THAT PROCESS

PATENT

Group Art Unit: 2123

Examiner:

PRELIMINARY AMENDMENT

Commissioner for Patents
Washington, D.C. 20231

Sir:

Preliminary to examination and calculation of the filing fee, please amend the above-identified application, as follows:

In the Claims

4. (Amended) Process as claimed in claim 1, wherein the β -splines with at least one grid cell of the support contained entirely in the simulation region (Ω) are classified as inner β -splines.

5. (Amended) Process as claimed in claim 1, wherein the weight point is chosen as the midpoint of a grid cell of the support of the corresponding B-spline, which is contained entirely in the simulation region.